

Abstract

A carcass ply producing apparatus for producing a carcass ply constituting a carcass layer of a tire comprises

a supply head for supplying one or a plurality of ply cords, a head driving mechanism for reciprocating the supply head along a widthwise direction of the carcass ply, a sticking body having a sticking surface to which the ply cord supplied by the supply head is stuck, a sticking body driving mechanism for moving the sticking surface of the sticking body along a longitudinal direction of the carcass ply, and a moving amount controlling mechanism capable of controlling a moving amount of the sticking surface with respect to a moving amount of the supply head, wherein when the ply cord is supplied along the widthwise direction of the carcass ply, a disposition angle of the ply cord with respect to the longitudinal direction can be changed.

Fig. 11

20a Drum driving section

20b Head driving section

Fig. 12

20a Conveyer driving section

20b Head driving section

TOP SECRET - CONFIDENTIAL